

IN THE CLAIMS:

Please cancel Claims 1 and 7 without prejudice or disclaimer of subject matter, and amend the claims as shown below. The claims, as currently pending in the application, read as follows:

1. (Cancelled).

2. (Currently Amended) An [[The]] information transmission process according to claim 1, for transmitting information between a signal-emitting port for emitting an optical signal and plural signal-receiving ports for receiving the optical signal through a light transmissive medium in an optical circuit device, the process comprising:
a first step of transmitting a first information by emitting light in a first emission angle range from the signal-emitting port to transmit first information to at least one of the signal-receiving ports; and
a second step, after the first step, of transmitting second information from the signal-emitting port by emitting light in a second emission angle range different from the first emission angle range to transmit second information to at least one of the signal-receiving ports.

wherein, in the first step, a communication path is established between the signal-emitting port and at least one signal-receiving port, and subsequently in the second step, data is transmitted through the communication path.

3. (Currently Amended) An [[The]] information transmission process according to claim 1, for transmitting information between a signal-emitting port for emitting an optical signal and plural signal-receiving ports for receiving the optical signal through a light transmissive medium in an optical circuit device, the process comprising:

a first step of transmitting a first information by emitting light in a first emission angle range from the signal-emitting port to transmit first information to at least one of the signal-receiving ports; and

a second step, after the first step, of transmitting second information from the signal-emitting port by emitting light in a second emission angle range different from the first emission angle range to transmit second information to at least one of the signal-receiving ports,

wherein the first emission angle range for emitting the light from the signal-emitting port in the first step is larger than the second emission angle range for emitting the light from the signal emitting port in the second step.

4. (Currently Amended) An [[The]] information transmission process according to claim 1, for transmitting information between a signal-emitting port for emitting an optical signal and plural signal-receiving ports for receiving the optical signal through a light transmissive medium in an optical circuit device, the process comprising:

a first step of transmitting a first information by emitting light in a first emission angle range from the signal-emitting port to transmit first information to at least one of the signal-receiving ports; and

a second step, after the first step, of transmitting second information from the signal-emitting port by emitting light in a second emission angle range different from the first emission angle range to transmit second information to at least one of the signal-receiving ports,

wherein the data is transmitted in the first step in a lower speed than in the second step.

5. (Currently Amended) An [[The]] information transmission process according to claim 1, for transmitting information between a signal-emitting port for emitting an optical signal and plural signal-receiving ports for receiving the optical signal through a light transmissive medium in an optical circuit device, the process comprising:
a first step of transmitting a first information by emitting light in a first emission angle range from the signal-emitting port to transmit first information to at least one of the signal-receiving ports; and

a second step, after the first step, of transmitting second information from the signal-emitting port by emitting light in a second emission angle range different from the first emission angle range to transmit second information to at least one of the signal-receiving ports,

wherein the information transmission by light is conducted at least through procedure below:

(1) a communication-requesting signal is emitted from a port A in the first emission angle range,

(2) a standby signal is returned to the port A from a port B having received the communication-requesting signal, and

(3) data is transmitted from the port A to the port B in the second emission angle range smaller than the first emission angle range.

6. (Previously Presented) The information transmission process according to claim 5, wherein the standby signal is transmitted through an electric wiring.

7. (Cancelled).